

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

AN DIGI LOG - 001R

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 6,252,709, granted 6/26/2001, and for which a reissue patent is sought on the invention entitled:

Adaptive Temperature Control Circuit with PWM Output

the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_

and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

I claimed less than I had a right to do so.  
After reviewing the specification and claims with Patent Attorneys, Donald J. Lenkszus, I determined that the claims did not cover the method of adjusting the output, the novel temperature sensor disclosed, the digital aspects and the single chip construction.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

ANDIGIC06-001R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) DONALD J. LENKSZUS Registration Number 28,096

Correspondence Address: Direct all communications about the application to:



Customer Number

Type Customer Number here

Place Customer Number Bar  
Code Label here

<input checked="" type="checkbox"/> Firm or Individual Name	DONALD J. LENKSZUS, P.C.				
Address	PO BOX 3064				
Address					
City	CAREFREE	State	AZ	Zip	85327
Country	USA				
Telephone	602-463-2010	Fax	480-575-1321		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)		CARL F. LIEPOLD	
Inventor's signature	<i>Carl F. Liepold</i>	Date	6/23/2003
Residence	CHANDLER, ARIZONA	Citizenship	USA
Mailing Address	1635 WEST AZALEA, CHANDLER, ARIZONA, 85248		

Full name of second joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citizenship
Mailing Address	

Full name of third joint inventor (given name, family name)	
Inventor's signature	Date
Residence	Citizenship
Mailing Address	



Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: ANDIGILOG, INC.Application No./Patent No.: 6,252,209 Filed/Issue Date: 6/26/2001Entitled: Adaptive Temperature Control With PWM ~~Strength~~ <sup>Output</sup>ANDIGILOG, INC., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6/23/2003  
Date

\_\_\_\_\_  
Telephone number

Carl F. Liepold  
Typed or printed name  
Carl F. Liepold  
Signature  
President  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re REISSUE Application of :  
CARL F. LIEPOLD :  
Originally Filed: 06/26/2001 :  
Title: ADAPTIVE TEMPERATURE CONTROL CIRCUIT WITH PWM OUTPUT  
PATENT NO. 6,252,209

**POWER OF ATTORNEY**

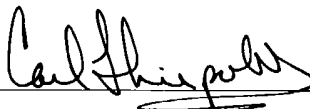
ANDIGILOG, INC. is the owner of the above-identified patent, pursuant to an Assignment from the inventor CARL F. LIEPOLD, to ANDIGILOG, INC. In accordance with 37 C.F.R. § 3.73(b), a copy of the Assignment is attached hereto. A copy of the Assignment has also been filed or is being filed contemporaneously herewith for recordation with the Assignment Branch.

ANDIGILOG, INC. hereby revokes all previous powers of attorney and appoints Donald J. Lenkszus, Reg. No. 28,096 of the firm of DONALD J. LENKSZUS, P.C., P.O. BOX 3064, CAREFREE, AZ 85377, telephone (602) 463-2010, facsimile (480) 575- 1321, as its attorney with full powers of substitution, revocation and association, to transact all business in the United States Patent and Trademark Office in connection with the above-identified patent application.

Please direct all correspondence regarding this patent application to Donald J. Lenkszus at the above address and telephone number.

ANDIGILOG, INC.

Dated: JUNE 23, 2003

By: \_\_\_\_\_

Name: CARL F. LIEPOLD

Title: PRESIDENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re REISSUE Application of :  
CARL F. LIEPOLD :  
Originally Filed: 06/26/2001 :  
Title: ADAPTIVE TEMPERATURE CONTROL CIRCUIT WITH PWM OUTPUT  
PATENT NO. 6,252,209

**CONSENT OF ASSIGNEE**

**ANDIGILOG, INC.**, assignee of U.S. Patent No. 6,252,209, consents to the filing of the present application for the reissue of U.S. Patent No. 6,252,209.

ANDIGILOG, INC.

Dated: JUNE 23, 2003

By: \_\_\_\_\_

Name: CARL F. LIEPOLD  
Title: PRESIDENT

## ASSIGNMENT

This Assignment is made and executed this 20<sup>th</sup> day of January, 1999, by and between:

CARL F. LIEPOLD                                 )  
an individual residing at                         ) Hereinafter referred  
1635 West Azalea                                 ) to as "ASSIGNOR"  
Chandler, Arizona 85248                         )

and

ANDIGILOG, INC. )  
an Arizona Corporation having a )  
principal place of business at ) Hereinafter referred  
1635 West Azalea ) to as "ASSIGNEE"  
Chandler, Arizona 85248 )

WITNESSETH:

WHEREAS, ASSIGNOR is the sole inventor of the improvements described and claimed in the application for United States Letters Patent executed concurrently herewith and entitled "*Adaptive Temperature Control Circuit with PWM Output*" hereinafter referred to as "PATENT RIGHTS;"

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to the above-identified PATENT RIGHTS to ASSIGNEE;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt of which is hereby acknowledged:

1. ASSIGNOR does hereby sell and assign to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the improvements described and claimed in the above-identified PATENT RIGHTS, including: (a) any and all domestic and foreign patents and applications therefor based upon said improvements; (b) any and all divisions, reissues, continuations, continuations-in-part, and extensions based upon the above-identified patents and applications therefor; and (c) any and all rights of priority resulting from the filing of any of the above-identified patent applications in the United States or any foreign country.

2. ASSIGNOR hereby authorizes and requests any official whose duty it is to issue patents to issue any patent or any reissued patent which may be based upon the improvements described and claimed in the above-identified PATENT RIGHTS to ASSIGNEE or its successors or assigns.

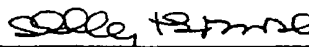
3. ASSIGNOR hereby agrees upon request and without further consideration, but at the expense of ASSIGNEE: (a) to communicate to ASSIGNEE, or its representatives or nominees, any facts known to ASSIGNOR relating to the above-identified PATENT RIGHTS; (b) to testify in any legal proceeding relating to the above-identified PATENT RIGHTS; (c) to sign and execute all lawful papers and to make all lawful oaths relating to the above-identified PATENT RIGHTS, including documents relating to divisional, continuing, reissue and foreign applications; and (d) to perform all acts reasonably necessary to aid ASSIGNEE, its successors, assigns and nominees in obtaining and enforcing patent protection in the United States and foreign countries covering those improvements described and claimed in the above-identified PATENT RIGHTS.



CARL F. LIEPOLD

State of Arizona       )  
                                  ) ss.  
County of Maricopa    )

On this the 20 day of January, 1999, before me the undersigned, personally appeared Carl F. Liepold, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.



Notary Public

My commission expires:

SEPTEMBER 7, 2002

